[0426] Accordingly, unlike the aforementioned embodiment, even if part of the drain tray **2090'** is exposed to the suction path **2120'**, air may be guided to the blower fan without restricting the air fluidity.

[0427] In other words, in the case of the conventional AC, part of the drain tray arranged in the suction path interferes with the air fluidity, but in accordance with the embodiment of the present disclosure, the problem arising in the conventional AC may be solved by the drain tray **2090'** forming the suction path **2120'** including a streamlined feature with the suction guide **2100'**, which does not interfere with the air fluidity.

[0428] In the following, a control case **200** will be described in detail.

[0429] FIG. **69** is an exploded view of a control case, according to an embodiment of the present disclosure. FIG. **70** is a floor plan of a Printed Circuit Board (PCB), according to an embodiment of the present disclosure. FIG. **71** is a floor plan of a PCB assembled in the lower case of a control case, according to an embodiment of the present disclosure. FIGS. **72** to **75** illustrate a wire held in a wire holder, according to an embodiment of the present disclosure.

[0430] Referring to FIGS. **66** to **69**, the control case **2200** may be arranged on an edge side of the opening **2091** of the drain tray **2090**.

[0431] The control case **2200** may include a curved part **2250** corresponding to the outer circumferential face of the opening **2091**. This is to prevent the control case **2200** from being arranged in the suction path **2120** while being arranged on the outer circumferential face of the opening **2091**.

[0432] Specifically, the curved part **2250** of the control case **2200** may be arranged to correspond to the edge side of the opening **2091**, so that there may be no part of the control case **2200** arranged on the outer side of the drain tray **2090**, especially on the inner side of the opening **2091**.

[0433] In the case of the conventional AC, the control case may be arranged on the drain tray in a similar way to the embodiment of the present disclosure, but the control case has the form of a box, part of which is exposed to the outer side of the drain tray and located in the suction path **2120**, thereby interfering with air fluidity, making noise, and reducing a quantity of fluid.

[0434] Such problems may be solved in the embodiment of the present disclosure, where the control case **2200** is not exposed to the outer side of the drain tray **2090** and thus not located in the suction path **2120**.

[0435] Furthermore, as the control case **2200** includes the curved part **2250**, it may be covered by the suction guide **2100**. Specifically, the curved part **2250** may be formed to correspond to the outer circumferential face of the opening **2091** as well as to correspond to the outer circumferential face of the suction guide **2100**.

[0436] The outer circumferential face of the suction guide **2100** may have a radius of curvature corresponding to the inner circumferential face of the opening **2091** because it passes through the opening **2091**, and because the curved part **2250** includes a curved plane having a radius of curvature corresponding to the outer circumferential face of the opening **2091**, the outer circumferential face of the suction guide **2100** and the curved part **2250** may include their respective curved planes of a corresponding form.

[0437] With the curved part **2250**, the suction guide **2100** may be arranged to have the inner circumferential face of a streamlined form as a whole without additional change in the shape, because the control case **2200** has no part protruding to the inner side of the suction guide **2100**.

[0438] The control case **2200** may be arranged on the outer side of the outlet **2091** in the radial direction to be located on the drain tray **2090**, and may be arranged between the inlet **2011** and the drain tray **2090** with respect to the vertical direction of the AC indoor unit **2001**.

[0439] As described above, because the round part **2111** of the suction guide **2100** is formed between the inlet **2011** and the drain tray **2090**, the control case **2200** may further include a curved part **2250** corresponding to the round part **2111** in the vertical direction.

[0440] Specifically, when the curved part **2250** corresponding to the opening **2091** is called a first curved part **2251**, the control case **2200** may include a second curved part **2252** that has a curved plane corresponding to the round part **2111** in the vertical direction.

[0441] The control case **2200** may be covered by the second curved part **2252** with the suction guide **2100**. Because the second curved part **2252** has a curved plane corresponding to the round part **2111**, the control case **2200** may be arranged close to the outer circumferential face of the suction guide **2100**.

[0442] Accordingly, the suction guide **2100** may be arranged to have the inner circumferential face of a streamlined form as a whole without additional change in the shape, because the control case **2200** has no part protruding to the inner side of the suction guide **2100** even in the vertical direction.

[0443] As shown in FIG. **69**, the control case **2200** may include an upper case **2210** that has the first and second curved parts **2251** and **2252**, a lower case **2220** that has the first curved part **2251**, and a PCB **2230** arranged between the upper and lower cases **2210** and **2220**.

[0444] As shown in FIG. **70**, the PCB **2230** may include the first curved part **2251**. This is to maintain the shape of the entire control case **2200** as the PCB **2230** is assembled inside the cases **2210**, **2220**.

[0445] However, if, unlike the embodiment of the present disclosure, the PCB **2230** is arranged on only a part of the internal area of the cases **2210**, **2220** because the PCB **2230** is smaller in area than the cases **2210**, **2220**, the PCB **2230** may not include the first curved part **2251**.

[0446] As shown in FIG. **71**, a wire holder **2260** to hold a wire **2231** extending from the PCB **2230** may be formed in the lower case **2220**.

[0447] The PCB **2230** may be electrically connected by the wire **2231** to internal components of the AC indoor unit **2001** for controlling the internal components. Otherwise, if the wire **2231** is disorderly placed inside the cases **2210**, **2220**, it is likely to be damaged. The wire holder **2260** may thus be arranged to orderly arrange the wire **2231**.

[0448] The wire holder **2260** may be placed on one side or both sides of the space where the PCB **2230** is located in the lower case **2220**. Among the entire wire **2231** extending to either sides from the PCB **2230**, some may be held by the wire holder **2260** while others may extend to the outside of the cases **2210**, **2220**.

[0449] The wire holder **2260** may be formed by three hooks **2261**, **2262**, and **2263** arranged in the form of a